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| INFORMATION DISCLOSURE       |                |                            |                                   | RE.                            | Application Number 09/918,602                      |                        | 8,602   |  |
|                              |                |                            |                                   |                                | Filing Date 07/30/2001                             |                        | /2001   |  |
|                              | <b>~</b> \$f\$ | AZEMENT BY AF              | PPLICAN                           | 1T                             | First Named Inventor:                              | Christopher P. Jalbert |   |  |
|                              |                | Mase as many sneets as net | cessary)                          |                                | Art Unit   | 2137                   |   |  |
| OCT 17 2005 (S)              |                |                            |                                   |                                | Examiner Name                                      | Kevin R. Schubert      |   |  |
| Shee                         | 1              | of                         |                                   | 2                              | Attorney Docket No.                                | 0486                   | 0.P2441   |  |
| U.S. PATENT DOCUMENTS        |                |                            |                                   |                                |  |                        |   |  |
| Exmnr<br>Initials*           | Cite No.       | Document Number            | er                                | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document |                        | Pages, Columns,<br>Lines, Where<br>Relevant Passages<br>or Relevant Figures |  |
|                              |                | Number                     | Kind Code <sup>2</sup> (If known) |                                |  |                        | Appear  |  |
| K9                           |                | US 5,673,322               | B1                                | 09-30-1997                     | Pepe et al.  |                        |   |  |
| <u> </u>                     |                | US 5,742,845               | B1                                | 04-21-1998                     | Wagner   |                        |   |  |
|                              |                | US 5,966,441               | B1                                | 10-12-1999                     | Calamera   |                        |   |  |
|                              |                | US 20020002678             | A1                                | 01-03-2002                     | Chow et al.  |                        |   |  |
|                              |                | US 5,754,659               | B1                                | 05-19-1998                     | Sprunk et al.                                      |                        |   |  |
| 1                            |                | US 5,953,420               | B1                                | 09-14-1999                     | Matyas, Jr. et al.                                 |                        |   |  |
|                              |                | US-                        |                                   |                                |  |                        |   |  |
|                              |                | US-                        |                                   |                                |  |                        |   |  |
|                              |                | US-                        |                                   |                                |  |                        |   |  |
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|                    | ·            | F  | OREIGN PATENT               | DOCUMENTS  |  |    |
|--------------------|--------------|--|-----------------------------|--|--|----|
| Exmnr<br>Initials* | Cite<br>No.1 | Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known) | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant Figures<br>Appear | Τ° |
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| Examiner  | 14 . 0 1 ( | ) . <i>*</i> | Date       | intervalar |
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|   |  |  |   | Application Number  | 09/918,602             |  |  |
| INFORMATION DISCLOSURE  |  |  |   | Filing Date   | 07/30/2001             |  |  |
| STATEMENT BY APPLICANT  |  |  | PLICANT   | First Named Inventor:   | Christopher P. Jalbert |  |  |
| (Mas as many sheets as necessary)   |  |  | sary)   | Art Unit  | 2137                   |  |  |
| STATEMENT BY APPLICANT  |  |  |   | Examiner Name   | Kevin R. Schubert      |  |  |
| Sheet   | 2.5  | of   | 2   | Attorney Docket No.   | 04860.P2441            |  |  |
| Mai   | RAPID  |  | NON PATENT LIT  | ERATURE DOCUMENTS   |                        |  |  |
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| "SPEKE: A Strong Password Method", October 18, 1999, 1 page   |  |  |   |   |                        |  |  |
|   |  | STEVEN M. BELLOVIN AND MICHAEL MERRITT, "Augmented Encrypted Key Exchange: a Password-Based Protocol Secure Against Dictionary Attacks and Password File Compromise", 1st ACM Conf. on Computer & Communication Security, p.244-250, 1993. |   |   |                        |  |  |
|   |  | JOHN KELSEY, et al., "Secure Applications of Low-Entropy Keys", Proc. 1 <sup>st</sup> International Workshop on Information Security, p. 121-134, 1997.  |   |   |                        |  |  |
|   |  | BRUCE SCHNEIER, "Applied Cryptography Protocols, Algorithm, and Source Code in C", 2 <sup>nd</sup> Edition, published by John Wiley & Sons, p.52-53 and p. 429-455, 1996.  |   |   |                        |  |  |
|   |  | SHAI HALEVI and HUGO KRAWCZYK, "Public-key Cryptography and Password Protocols", Pro. 5 <sup>th</sup> ACM Conf. on Computer & Communication Security, p.122-131, 1998.   |   |   |                        |  |  |
|   |  |  | M. STEINER, G. TSUDIK, and M. WAIDNER, "Refinement and Extension of Encrypted Key Exchange", Operating Systems Review, Vol. 29, Iss. 3, p. 22-30, 1995. |   |                        |  |  |
| 1   | D.P. JABLON, "Extended Password Key Exchange Protocols Immune to Dictionary Attack", Proceedings Sixth IEEE Enterprise Security Workshop, p. 248-255, 1997 |  |   | -   |                        |  |  |
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